## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	Attorney Docket No. 03500.017562		· 三
First Named Inventor or Application Identifier		22	
МАКОТО КИВОТА, ЕТ	AL.	0	
Express Mail Label No.			

APPLICATION ELEMENTS  ADDRESS TO: Mail Stop Patents Application Commissioner of Patents P.O. Bost 1450 Alexandris, NA 22313-1450  1. X Fee Transmittal Form Fee Transmittal Form See 37 CFR 1.27.  Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification Total Pages 4.3  4. X Drawing(s) (35 USC 113) Total Sheets Drawing(s) (35 USC 113) Drawing(s) (35 USC 113) Total Sheets Drawing(s) (35 USC 113) Total Pages Drawing(s) (35 USC 113) Drawing(s) (35 USC 113) Total Pages Drawing(s) (35 USC 113) T	(Only for new nonprovisional applications under 3	17 CFR 1.53(b))	Express Mail	Label No.		
Submit an original, and a duplicate for fee processing)   Convention of Curs in updages, large table of Computer Program (Appendix)			ADDF	RESS TO:	Commission P.O. Box	oner for Patents 1450
See 37 CFR 1.27.  Specification  Total Pages  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.83(d)) (for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53(d); and 1.33(d); and 1	1 1 I X I					
Drawing(s) (35 USC 113)  Total Sheets  Dott or Declaration  Total Pages  a. Newly executed (original or copy)  a. Newly executed (original or copy)  Declaration Total Pages  a. Newly executed (original or copy)  Declaration (37 CFR 1.63(d))  (for continuation/divisional with Box 17 completed)  L. DELETION OF INVENTOR(s)  Signed Statement attached deleting inventor(s) named in the pite application, see 37 CFR 1,63(d)(2) and 1,33(b).  Assignment Papers (cover sheet & document(s))  37 CFR 3,73(b) Statement (when there is an assignee)  Power of Attorney  When there is an assignee)  Power of Attorney  Information Disclosure Statement (IDS)PTO-1449  Statement (IDS)PTO-1449  Copiles of IDS Statement (IDS)PTO-1449  Total Explication Sequence Listing on: L. CD-ROM or CD-R (2 copies); or L. CD-ROM or CD-ROS  Or COMPANTING APPLICATION PARTS  Description or CD-ROT Statement serifying identity of above copies Assignment Papers (cover sheet & document(s)  L. CD-ROM or CD-ROT COMPANTING APPLICATION PARTS  Description or Statement attached deleting inventor(s) L. CD-ROM or CD-ROT COMPANTING APPLICATION PARTS  L. CORRESPONDENCE ADDRESS  Oscillation  Or Correspondence address below  NAME  Address  City  State  L. CORRESPONDENCE ADDRESS  Tip Code  Tip Code  L. CD-ROM or CD-ROT COPIEs C	1 2 1 1 11		8.			Sequence Submission
Continuation   Dela Sheet   Power of Attorney   Statement (ps)   Total Sheets   Power of Attorney   Signed Statement attached deleting inventor(s)   named in the prior application and in the prior application information:   Continuation   Divisional   Continuation-in-part (CIP)   GroupArt Unit:   For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be reciled upon when a portion has been inadvertently omitted from the submitted application parts.   Customer Number or Bar Code Label   (Insert Customer No. or Attach bar code label here)   Tip Code   T	3. X Specification Total Page	es 43		a (	Computer Readable	Form (CRF)
a. Newly executed (original or copy)  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.36(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  English Translation Document (if applicable)  11. English Translation Document (if applicable)  12. Statement (IDS/PTO-1449 Cotations  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically femized)  15. (If foreign priority is claimed)  16. Other:  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application information:  Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the prior application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently ornited from the submitted application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently ornited from the submitted application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently ornited from the submitted application and is hereby incorporated by reference. The incorporation can on	4. X Drawing(s) (35 USC 113) Total Shee	ets 2				
ACCOMPANYING APPLICATION PARTS    Deletion of inventorial inventorial inventorial information   Divisional Prior application   Divisional   Divisional Prior application   Divisional   Divisional Prior application   Divisional   D					•	
b Copy from a prior application (37 CFR 1.63(d))	a. Newly executed (original or cop	y)				
Assignment Papers (cover sheet & document(s)	b Conv from a prior application /3	7 CED 4 63(4))		ACCON	IPANYING APPLIC	ATION PARTS
Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. X Application Data Sheet. See 37 CFR 1.76  11. English Translation Document (if applicable)  12. Information Disclosure Statement (IDS)/PTO-1449 Citations  Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Other:  17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No/_  GroupAnt Unit:  For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be reliad upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  05514  Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City			9.	Assignment	Papers (cover sheet	& document(s))
11. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:    Continuation   Divisional   Examiner   Continuation-in-part (CIP)   Of prior application information:						Power of Attorney
Statement (IDS)/PTO-1449  Citations Preliminary Amendment  14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15.  (Should be specifically itemized)  16.  Other:    Certified Copy of Priority Document(s) (if foreign priority is claimed)   Continuation	named in the prior application, see 37 CFR		11.	11. English Translation Document (if applicable)		
14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Other:  Continuation Divisional Continuation-in-part (CIP) of prior application No. / Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application parts.  18. CORRESPONDENCE ADDRESS  05514  X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code	6. X Application Data Sheet. See 37 CFR 1.76	5	12.	Į.		1 i ·
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:    Continuation			13.	Preliminary	Amendment	
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:    Continuation			14. X			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  Continuation Divisional Continuation-in-part (CIP) of prior application No. / Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  O5514  X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code			15.			ment(s)
Continuation Divisional Examiner Of prior application No. / Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  18. CORRESPONDENCE ADDRESS  O5514  X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code			16.	Other:		
Continuation Divisional Examiner Of prior application No. / Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  18. CORRESPONDENCE ADDRESS  O5514  X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code						
Continuation Divisional Examiner Or of prior application No/						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  Ustomer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code	17. If a CONTINUING APPLICATION, check appro	ppriate box and sup	ply the requisite	information:		
considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.  18. CORRESPONDENCE ADDRESS  Value (Insert Customer No. or Attach bar code label here)  NAME  Address  City  State  Zip Code		Continuation	n-in-part (CIP)			
X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City  State  Zip Code	considered a part of the disclosure of the accompanying	continuation or division	onal application ar			
X Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below  NAME  Address  City State Zip Code		18. CORRES		DRESS		
Address  City  State  Zip Code						
Address  City  State  Zip Code	NAME					
City State Zip Code						
	Address					
	City	State			Zip Code	
		Telephone			<del></del>	

_	
- 1	-

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	8-20 =	0	X \$ 18.00 =	\$0.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	2-3 =	0	X \$ 84.00 =	\$0.00
	MULTIPLE DEPENDENT	T CLAIMS (if applicable) (37	CFR 1.16(d))	\$280.00 =	\$0.00
				BASIC FEE (37 CFR 1.16(a))	\$750.00
			Total of	above Calculations =	\$750.00
	Reduction by 5	50% for filing by small en	tity (Note 37 CFR 1.9, 1	1.27, 1.28).	
				TOTAL =	\$750.00
9. Sm a. b.		ntity statement is enclose ntity statement was filed in		al application and su	ch status is still prope
a. b. c. 0.	A small en A small en A small en and desire Is no longe A check in the amo A check in the amo Commissioner is hereby	ntity statement was filed ind.  er claimed.  ount of \$ 750.00 to count of \$ to count of \$ to count of \$ to count over authorized to credit over	n the prior nonprovision over the filing fee is end over the recordal fee is	closed. enclosed.	
a. b. c. 0. 2. The No.	A small en A small en A small en and desire Is no longe A check in the amo A check in the amo Commissioner is hereby 06-1205: X Fees requi	ntity statement was filed inded.  er claimed.  ount of \$_750.00 to count of \$	n the prior nonprovision over the filing fee is end over the recordal fee is	closed. enclosed.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED		
NAME	Damond E. Vadnais - Reg. No. 52,310	
SIGNATURE	Donned V-dnar	
DATE	September 22, 2003	

DEV/kkv

DC\_MAIN 144635v1